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Application No: 10/724,711
Attorney's Docket No: ALC 3101

CLAIM AMENDMENTS

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims

1. (Original) A method for of an active connection modify in a connection oriented communication network, comprising the steps of:

appending a trace transit list information element (TTL IE) to a modify request message;
transmitting said modify request message from a source node to a destination node along
said active connection; and

at each node along said active connection, modifying a parameter of said active
connection while recording in said TTL IE failure identification data.

2. (Original) The method of claim 1, further comprising:

generating a Modify Reject message at a node along said connection if said node does not
enable modification of said parameter;

updating said TTL IE from said modify request message with failure cause information;
and

appending said TTL IE to said Modify Reject message and returning said Modify Reject
message to said source node.

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3. (Original) The method of claim 1, wherein said failure identification data includes the logical node and logical port trace of the failed modify request.

4. (Original) The method of claim 1, wherein said failure identification data includes failure cause information.

5. (Original) The method of claim 4, wherein said failure cause information includes vendor specific information.

6. (Currently Amended) The method of claim 1, wherein said parameter is the bandwidth allocated to said active connection.

7. (Currently Amended) The method of claim 1, wherein said failure ~~to-modify~~ identification data includes the capability of a node along said connection to support the ~~modify~~ modification of an active connection of said parameter.

8. (New) The method of claim 1, further comprising:
generating a Modify Acknowledgement message at said destination node if all nodes along said connection enable modification of said parameter;
transmitting said Modify Acknowledgement message to said source node; and

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transmitting traffic from said source node to said destination node along said connection
with said modified parameter.